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## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification <sup>6</sup> : H02K 1/20, 3/40, 15/08		(11) International Publication Number: WO 97/4591
8035 A1		(43) International Publication Date: 4 December 1997 (04.12.97)
(21) International Application Number: PCT/SE97/00895		(74) Agent: EMTEDAL, Artur; L.A. Groth & Co. KB, P.O. Bo: 6107, S-102 32 Stockholm (SE).
(22) International Filing Date: 27 May 1997 (27.05.97)		
(30) Priority Data:		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, ES, FI, FI (Utility model), GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).
9602079-7 29 May 1996 (29.05.96) SE 9602089-6 29 May 1996 (29.05.96) SE 9700351-1 3 February 1997 (03.02.97) SE		
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## Published

With international search report.

Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: AXIAL COOLING TUBES PROVIDED WITH CLAMPING MEANS

## (57) Abstract

A rotating electric machine, comprising a stator (1) wound with high-voltage cable and provided with stator teeth (4) extending radially inwards from an outer yoke portion (23), wherein at least one stator tooth (4) in a tooth sector (18) is provided with at least one axially-running cooling duct (24) connected to a cooling circuit (25) in which coolant is arranged to circulate and in that the axially-running cooling tube (24) is connected at least at one end of the stator (1) to a clamping means (27, 28) for axial compression of the stator (1).

